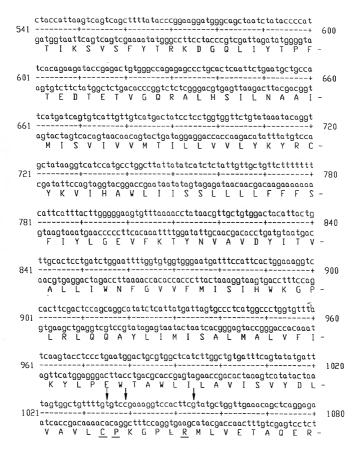
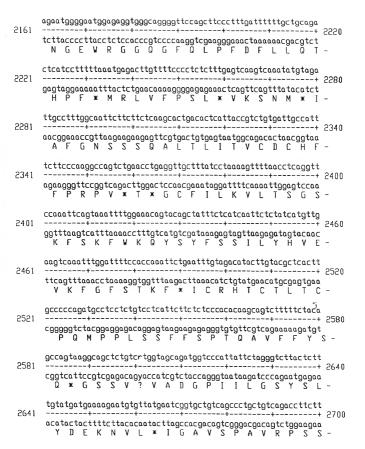
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	accctgtccgtcgaggccccaggcgccaaagtgtagcctttgttttgtcgccgaccagac G Q A A P G S A V S H R K Q N S G W S G -	, 0
61	gaaggaacctgagctacgagccgcggcggcagcgggggggg	120
	cttccttggactcgatgctcggcgccgccgtcgcccccccttcgcatatggatta R N L S Y E P R R Q R G G E A Y T * S -	
121	ctgggagcctgcaagtgacaacagcctttgcggtccttagacagcttggcctggaggaga	180
	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	-
181	acacatgaaagaaagaacctcaagaggctttgttttctgtgaaacagtatttctatacag	240
	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	_
241	ttgctccaatgacagagttacctgcaccgttgtcctacttccagaatgcacagatgtctg	300
L-7 1	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	-
301	aggacaaccacctgagcaatactgtacgtagccagaatgacaatagagaacggcaggagc	360
301	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	-
361	acaacgacagacggagccttggccaccctgagccattatctaatggacgaccccagggta	420
	tgttgctgtctgcctcggaaccggtgggactcggtaatagattacctgctgggggtcccat N D R R S L G H P E P L S N G R P Q G N $$	-
421	actcccggcaggtggtggagcaagatgaggaagaagatgaggagctgacattgaaatatg	480
	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	_
481	gcgccaagcatgtgatcatgctctttgtccctgtgactctctgcatggtggtggtcgtgg	540
	cgcggttcgtacactagtacgagaaacagggacactgagagacgtaccaccaccaccacc	_



1081	gaaatgaaacgctttttccagctctcatttactcctcaacaatggtgtggttggt			
1001	ctttactttgcgaaaaaggtcgagagtaaatgaggagttgttaccacaccaacca			
1141	tggcagaaggagacccggaagctcaaaggagagtatccaaaaattccaagtataatgcag			
1201	aaagcacagaaagggagtcacaagacactgttgcagagaatgatggtgggggttcagtg			
1261	aggaatgggaagcccagagggacagtcatctagggcctcatcgctctacacctgagtcac+ 1320 tccttacccttcgggtctccctgtcagtagatcccggagtagcgagatgtggactcagtg E W E A Q R D S H L G P H R S T P E S R -			
1321	gagctgctgtccaggaactttccagcagtatcctcgctggtgaagacccagaggaaaggg+ 1380 ctcgacgacaggtccttgaaaggtcgtcataggagcgaccacttctgggtctctttccc A A V Q E L S S S I L A G E D P E E R G -			
1381	gagtaaaacttggattgggagatttcattttctacagtgttctggttggt			
1441	caacagccagtggagactggaacacaaccatagcctgtttcgtagccatattaattggtt			
1501	tgtgccttacattattactccttgccattttcaagaaagcattgccagctcttccaatct			
1561	ccatcaccttttgggcttgttttctactttgccacagattatcttgtacagccttttatgg			

FIG.1C

1621	accaattagcattccatcaattttatatctagcatatttgcggttagaatcccatggatg	1600
1021	tggttaatcgtaaggtagttaaaatatggatcgtataaacgccaatcttagggtacctac Q L A F H Q F Y I * H I C G * N P M D V	1680
1681	tttcttctttgactataaccaaatctggggaggacaaaggtgattttcctgtgtccacat	1740
	aaagaagaaactgatattggtttagacccctcctgtttccactaaaaggacacaggtgta S S L T I T K S G E D K G D F P V S T S	-
1741	ctaacaaagtcaagattcccggctggacttttgcagcttccttc	1800
-	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	
1801	ccttgcactattggactttggaaggaggtgcctatagaaaacgattttgaacatacttca	1860
	ggaacgtgataacctgaaaccttcctccacggatatcttttgctaaaacttgtatgaagt L H Y W T L E G G A Y R K R F st T Y F I	-
1861	tcgcagtggactgtgtccctcggtgcagaaactaccagatttgagggacgaggtcaagga	1920
	agcgtcacctgacacagggagccacgtctttgatggtctaaactccctgctccagttcct A V D C V P R C R N Y Q I \mathbf{x} G I R S R R -	
1921	gatatgataggcccggaagttgctgtgccccatcagcagcttgacgcgtggtcacaggac	1980
	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	
1981	gatttcactgacactgcgaactctcaggactaccggttaccaagaggttaggtgaagtgg	2040
	ctaaagtgactgtgacgcttgagagtcctgatggccaatggttctccaatccacttcacc F H \star H C E L S G L P V T K R L G E V V	_
2041	tttaaaccaaacggaactcttcatcttaaactacacgttgaaaatcaacccaataattct	2100
	aaatttggtttgccttgagaagtagaatttgatgtgcaacttttagttgggttattaaga * T K R N S S S * T T R * K S T Q * F C	-
2101	gtattaactgaattctgaacttttcaggaggtactgtgaggaagagcaggcaccagcagc	2160
	cataattgacttaagacttgaaaagtcctccatgacactccttctcgtcgtggtcgtcg	2100

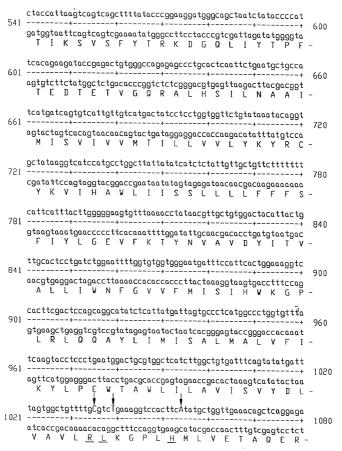


	FIO 4 F	
2761	gaagc 2765 cttcg S -	
	ggtgtcgtttactctacatacgggtttcgccatcttaatttcttctcattttaccgacaa I A N E M Y A Q S G R I K E E * N G C * -	
2701		76
	ccacagcaaatgagatgtatgcccaaagcggtagaattaaagaagagtaaaatggctgtt	

FIG.1F

1	tgggacaggcagctccggggtccgcggtttcacatcggaaacaaac	
	accetgtccgtcgaggccccaggcgccaaagtgtagcctttgttttgtcgccgaccagac G Q A A P G S A V S H R K Q N S G W S G -	
61	gaaggaacctgagctacgagccgcggcggcggcggcggcggcggggaagcgtatacctaat	
	cttccttggactcgatgctcggcgccgccgtcgccccgcgccccttcgcatatggatta R N L S Y E P R R Q R G G G E A Y T * S -	
121	ctgggagcctgcaagtgacaacagcctttgcggtccttagacagcttggcctggaggaga)
	$\begin{array}{cccccccgacgttcactgttgtcggaaacgccaggaatctgtcgaaccggacctcctct\\ G&S&L&Q&V&T&T&A&F&A&V&L&R&Q&L&G&L&E&E&N&-\end{array}$	-
181	acacatgaaagaacgaacctcaagaggctttgtttctgtgaaacagtatttctatacag)
	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	
241	ttgctccaatgacagagttacctgcaccgttgtcctacttccagaatgcacagatgtctg	0
	aacgaggttactgtctcaatggacgtggcaacaggatgaaggtcttacgtgtctacagac APLMTELPAPLSYFQNAQMSE-	
301		0
	tcctgttggtggactcgttatgacatgcatcggtcttactgttatctcttgccgtcctcg D N H L S N T V R S Q N D N R E R Q E H -	
361	acaacgacagacggagccttggccaccctgagccattatctaatggacgaccccagggfta	0
001	tgttgctgtctgcctcggaaccggtgggactcggtaatagattacctgctgggggtcccat N D R R S L G H P E P L S N G R P Q G N -	
421	actcccggcaggtggtggagcaagatgaggaagatgaggagctgacattgaaatatg	0
	tgagggccgtccaccacctcgttctactccttcttctactcctcgactgtaactttatac S R Q V V E Q D E E E D E E L T L K Y G -	•
481	gcgccaagcatgtgatcatgctctttgtccctgtgactctctgcatggtggtggtcgtgg	0
	cgcggttcgtacactagtacgagaacaggggacactgagagacgtaccaccaccagcacc	-

FIG.2A



1081	gaaatgaaacgctttttccagctctcatttactcctcaacaatggtgtggttggt
1001	ctttactttgcgaaaaaggtcgagagtaaatgaggagttgttaccaccaccaccacctat NETLFPALIYSSIMVWLVNM-
1141	tggcagaaggagcccggaagctcaaaggagagtatccaaaattccaagtataatgcag
	accgtcttcctctgggccttcgagtttcctctcataggtttttaaggttcatattacgtc A E G D P E A Q R R V S K N S K Y N A E -
1201	aaagcacagaaagggagtcacaagacactgttgcagagaatgatgatggcgggttcagtg
	tttcgtgtctttccctcagtgttctgtgacaacgtctcttactactaccgcccaagtcac S T E R E S Q D T V A E N D D G G F S E -
1261	aggaatgggaagcccagagggacagtcatctagggcctcatcgctctacacctgagtcac
	tccttacccttcgggtctccctgtcagtagatcccggagtagcgagatgtggactcagtg E W E A Q R D S H L G P H R S T P E S R -
1321	gagctgctgttccaggaactttccagcagtatcctcgctggtgaagaccccagaggaaaggg
	ctcgacgacaggtccttgaaaggtcgtcataggagcgaccacttctgggtctcctttccc A A V Q E L S S S I L A G E D P E E R G -
1381	gagtaaaacttggattgggagatttcattttctacagtgttctggttggt
	ctcattttgaacctaaccctctaaagtaaaagatgtcacaagaccaacca
1441	caacagccagtggagactggaacacaaccatagcctgtttcgtagccatattaattggtt
	gttgtcggtcacctctgaccttgtgttggtatcggacaaagcatcggtataattaaccaa I A S G D W N I I I A C F V A I L I G L -
1501	tgtgccttacattattactccttgccattttcaagaaagcattgccagctcttccaatct
	acacggaatgtaataatgaggaacggtaaaagttctttcgtaacggtcgagaaggttaga C L T L L L A I F K K A L P A L P I S -
1561	ccatcacctttgggcttgttttctactttgccacagattatcttgtacagccttttatgg
	99tagtggaaacccgaacaaagatgaaacggtgtctaatagaacatgtcggaaaatacc I T F G L V F Y F A T D Y L V Q P F M D -

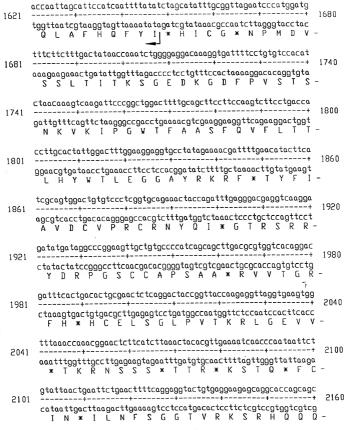


FIG.2D

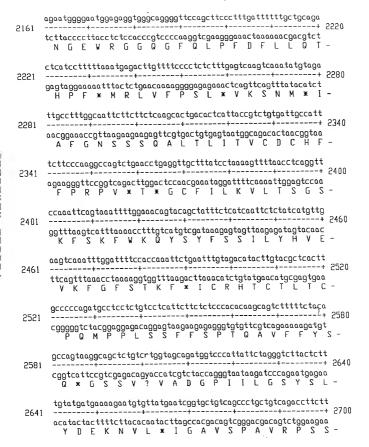


FIG.2F